PROTOCOL FOR MAINTENANCE BD FACSCELESTA SORP

CYTOMETER SETUP AND TRACKING BEADS (CS&T) – enter as administrator

BASELINE (every 6 months; annually done by technical service)

- Download data for the batch of beads: www.bdbiosciences.com/en-eu/instruments/research-instruments/resaerch-software/flow-cytometry-acquisition/facsdiva-software
- Paste file: D:/BD/FACSDiva/CST/beads lot
- Select Software / Cytometer / CST / Tool / Bead lots / Import / Select beads batch / OK.
- Prepare spheres: invert 5 times, vortex 1', invert 5 times. Add 3 drops in 500 µL FACS Flow or PBS. Vortex 1'.
- Run in LOW (fine adjustment 250).
- QR = background
- BR = efficiency

PERFORMANCE CHECK (every 2 days) – calculates CV (width peaks)

- Select Software / Cytometer / CST / Tool / Bead lots
- Prepare spheres: invert 5 times, vortex 1', invert 5 times. Add 1 drop in 350 µL FACS Flow or PBS. Vortex 1'.
- Run in LOW (fine adjustment 250).

LIST OF RESPONSIBLES FOR PERFORMANCE CHECK AND DELETE OLD FCS FILES (2 MONTHS)

Month	Main responsible	Secondary responsible	Month	Main responsible	Secondary responsible
01	Moisés L.	Marta T.	07	Moisés L.	Marta T.
02	Adriana Q.	Mayka	08	Adriana Q.	Mayka
03	Javi M.	Andrés P.	09	Javi M.	Andrés P.
04	Marta T.	Moisés L.	10	Marta T.	Moisés L.
05	María I.	Andrés P.	11	María I.	Andrés P.
06	Andrés P.	Javi M.	12	Andrés P.	Javi M.